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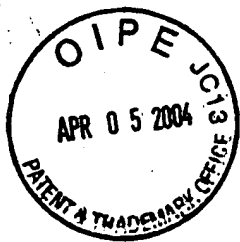
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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: L. Paskar

GROUP ART UNIT: N/Y/A

SERIAL NO.: N/Y/A

EXAMINER: M. Bockelman

FILED:

DOCKET NO.: 39868/24659

FOR: Shapeable Catheter

Declaration of James F. Benenati, M.D.

1. I am an interventional radiologist, licensed to practice in the states of Florida, Indiana (inactive) and Maryland (inactive). I received my M.D. degree in 1984 from the University of South Florida College of Medicine, in Tampa, Florida. I was a resident in radiology from 1984-88 at Indiana University Medical Center, in Indianapolis, Indiana, and completed my fellowship in 1989 at the Department of Radiology of The Johns Hopkins Medical Institution, in Baltimore, Maryland. I am currently Voluntary Professor of Radiology at the University of Miami School of Medicine, in Miami, Florida. I am also Medical Director, peripheral Vascular Laboratory, and Program Director, Vascular/Interventional Radiology Fellowship, at the Miami Cardiac & Vascular Institute of Baptist Hospital of Miami, Florida. My resumé is attached as Exhibit 1 to this declaration.

2. I am familiar with medical procedures, including the following procedures listed in the patent disclosure¹ of Larry Paskar, M.D.:

¹ My identification of these procedures is based upon their disclosure in U.S. Patent 5,304,131.

Selective cerebral artery catheterization procedures
Selective visceral artery catheterization procedures
Selective intracerebral artery catheterization procedures
Selective arterial angioplasty catheterization procedures
Selective venous catheterization procedures
Percutaneous cholangiography procedures
Percutaneous nephrostomy procedures

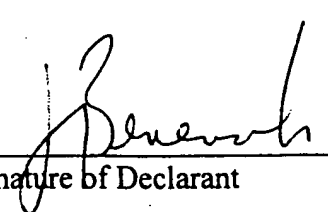
3. Based upon my experience, these procedures are routinely performed under fluoroscopic examination, and any one of any skill trained in these procedures would know that they are performed under fluoroscopic examination.

4. The disclosure of the various procedures in the Paskar patent disclosure would inherently disclose to one having at least ordinary level of skill in the art that these procedures are performed under fluoroscopic examination.

5. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize that validity of the application or any patent issued thereon.

Date: _____

3/14/01



Signature of Declarant



CURRICULUM VITAE

James F. Benenati, M.D.

Current Position:

Interventional Radiologist
Medical Director, Peripheral Vascular Laboratory
Program Director, Vascular/Interventional Radiology Fellowship
Miami Cardiac & Vascular Institute
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1989-Present

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Personal Information:

Date of Birth:	August 16, 1956
Birthplace:	Mineola, New York
Marital Status:	Married / Susan V. Benenati, M.D.
Children:	Three
Citizenship:	U.S.A.

Education:

Fellowship/Instructor	1988~1989
CardioVascular Diagnostic Laboratory Division Department of Radiology The Johns Hopkins Medical Institution Baltimore, Maryland	
Residency/Department of Radiology	1984~1988
Indiana University Medical Center Indianapolis, Indiana (Chairman: Eugene C. Klatte, M.D.)	
M.D. University of South Florida College of Medicine	1980~1984
Tampa, Florida (Top 10% of Class)	
Post Graduate Studies	
University of Florida	1978~1979



B.S. University of Notre Dame
Notre Dame, Indiana (Professional Studies)

1974~1978

High School Cardinal Gibbons High School
Ft. Lauderdale, Florida

1970~1974

Medical Licenses:	Indiana	#01035153	(Inactive)
	Maryland	#D36782	(Inactive)
	Florida	#ME0055915	

Board Certification:	Diplomate, American Board of Radiology	1988
	Certificate of Added Qualification -	
	CardioVascular and Interventional Radiology	1995

Current Academic Appointments:	Voluntary Assistant Professor
	Department of Radiology
	University of Miami School of Medicine
	Miami, Florida
	1/91~Present
	Courtesy Associate Professor
	Biomedical Engineering Institute
	Florida International University (FIU)
	2/10/2000 ~ Present
	Clinical Assistant Professor of Radiology
	Department of Radiology
	University of South Florida College of Medicine
	Tampa, Florida
	7/97 ~ Present

Past Accademic Appointments:	Assistant Professor of Radiology & Surgery
	CardioVascular Diagnostic Laboratory Division
	Department of Radiology
	The Johns Hopkins Medical Institution
	Baltimore, Maryland
	7/89~12/89

Hospital Appointments:	Baptist Hospital of Miami	1990~Present
	Miami, Florida	
	South Miami Hospital	
	Miami, Florida	
	Jackson Memorial Hospital	1992~Present
	Miami, Florida	
	Veterans Administrator Hospital	
	Miami, Florida	

	The Johns Hopkins Hospital Baltimore, Maryland	1988~1989
	Indiana University Hospital Indianapolis, Indiana	1984~1988
	James Whitecomb Riley Hospital Indianapolis, Indiana	1984~1988
	Wishard Memorial Hospital Indianapolis, Indiana	1984~1988
	Veteran's Administration Hospital Indianapolis, Indiana	1984~1988
Work Experience:	Teacher, Biology and Religion Coach, Football and Basketball Cardinal High School Ft. Lauderdale, Florida	1979 ~1980
Honors:	Fellow SCVIR	1998 ~ Present
	Fellow American Heart Association	1994 ~ Present
	Dean's Council Indiana University School of Medicine Indianapolis, Indiana	1995 ~ 1997
	SANDOZ Award for Academic Excellence and Leadership	1984
	Chief Resident, Department of Radiology Indiana University Medical Center Indianapolis, Indiana	1986~1987
	Outstanding Student in Radiology University of South Florida College of Medicine	1984
	Student Government - President, 2 Terms University of South Florida College of Medicine	1983 ~ 1984
	Student Government - Vice President University of South Florida College of Medicine	1982
	Notre Dame Scholar (Complete Academic Scholarship) University of Notre Dame	1974~1978
	Director ICAVL	2000

Publications:

1. Benenati JF, Becker GJ, Mail JT, Holden RW: Digital Subtraction Venography in Central Venous Obstruction. *AJR* 1986;147:685-688.
2. Becker GJ, Cikrit DF, Lalka SG, Benenati JF, Ehrman KO, Palmaz JC: Early Experience with the Palmaz Balloon Expandable Intraluminal Stent in Human Iliac Angioplasty. *Indiana Medicine* 1989; 82(9):700-705.
3. Benenati JF: *Invited Commentary* Gross Hematuria in Two Patients with Urethral-Ileal Conduits and Double-J Stents. *JVIR* 1990;1(1):78.
4. Widlus DM, Venbrux AC, Benenati JF, Mitchell SE, Lynch-Nyhan A, Cassidy FP Jr., Osterman FA: Percutaneous Management of Brachial Artery Embolus and Thrombosis. *Radiology* 1990;175:393-399.
5. Zemel G, Katzen BT, Dake MD, Benenati JF, Lempert TE, Moskowitz L: Directional Atherectomy in the Treatment of Stenotic Dialysis Access Fistulas. *JVIR* 1990; 1:35-38.
6. Becker GJ, Benenati JF, Zemel G, Sallee DS, Suarez CA, Roeren TK, Katzen BT: Case Report: Percutaneous Placement of a Balloon-Expandable Intraluminal Graft for Prevention and Management of Life-Threatening Subclavian Arterial Hemorrhage. *JVIR* 1991; 2:225-229.
7. Zemel G, Benenati JF, Becker GJ, Katzen BT, Sallee DS: Compact Contrast Material Bolus with New 5F Angiographic Catheter. *JVIR* 1991;2:279-280.
8. Savader SJ, Venbrux AC, Benenati JF, et al.: Choledochal Cysts: Role of Noninvasive Imaging, Percutaneous Transhepatic Cholangiography, and Percutaneous Biliary Drainage in Diagnosis and Treatment. *JVIR* 1991;2(3):379-386.
9. Savader SJ, Benenati JF, Venbrux AC, et al.: Choledochal Cysts: Classification and Cholangiographic Appearance. *AJR* 1991;156:327-331.
10. Soulen MC, Benenati JF, Sheth S, Merton D, Rothgeb J. Changes in Renal Artery Doppler Indices Following Renal Angioplasty. *JVIR* 1991;2(4):457-460.
11. Zemel G, Becker GJ, Benenati JF, Katzen BT, Sallee DS: Transjugular Intrahepatic Portosystemic Shunts. *JAMA* 1991;266:390-393.
12. Bancroft J, Benenati JF, Becker GJ, Katzen BT. Neutralized Lidocaine: Use in Pain Reduction in Local Anesthesia. *JVIR* 1992;3:107-109.
13. LeBlang SD, Becker GJ, Benenati JF, Zemel G, Katzen BT, Sallee DS. Low-Dose Urokinase Regimen for Lower Extremity Arterial and Graft Occlusions: Efficacy, Safety, and Limb Salvage. *JVIR* 1992;3:475-483.
14. Zemel G, Becker GJ, Bancroft J, Benenati JF, Katzen BT. Technical Advances in Transjugular Intrahepatic Portosystemic Shunts. *RadioGraphics* 1992; 12:615-622.
15. Pattynama PMT, Becker GJ, Brown JM, Zemel G, Benenati JF, Katzen BT. Percutaneous angioplasty for atherosclerotic renal artery disease: effect on renal function in azotemic patients. *Cardiovasc Intervent Radiol* 1994;17:143-146

17. Martin EC, Katzen B, Benenati JF, Diethrich E, Dorros G, Graor R, Horton KM, Iannone LA, Isner JM, Ramee S, Schwarten DE, Tegtmeier CJ, Walker CM & Wholey MH. Multicenter Trial of the Wallstent in the Iliac and Femoral Arteries. *JVIR* 1995;6:843-849.
18. Katzen BT, Becker GJ, Mascioli, Benenati JF, Zemel G, Roll-Mazzei ER, Alvarez J, Puente OA and Kanter SR. Creation of a Modified Angiography (Endovascular) Suite For Transluminal Endograft Placement and Combined Interventional-Surgical Procedures. *JVIR* 1996;7:161-167
19. Martin EC, Katzen BT, Benenati JF, Diethrich EB, Dorros G, Graor RA, Horton KM, Liberato IA, Isner JM, Ramee SR, Schwarten DE, Tegtmeier CJ, Walker CM & Wholey MH. Multicenter Trial of the Wallstent in the Iliac and Femoral Arteries. *JVIR* 1996;6:843
20. Simon C, Alvarez Jr.J, Becker GJ, Katzen BT, Benenati JF, Zemel G. May-Thurner syndrome in an adolescent: Persistence despite operative management. *JVS* 1999; 30:950-953
21. Davidian M, Powell A, Benenati JF, Katzen BT, Becker GJ, Zemel G. Initial Results of Reteplase in the Treatment of Acute Lower Extremity Arterial Occlusions. *J Vasc intervent Radiolo* 2000; 11(3):289-94
22. Fox L, Benenati JF, et.al., Carotid Artery Stenting. *NEJM*.
23. Ouriel K, Katzen BT, Mewissen PF, Flick P, Clair DG, Benenati JF, McNamara TO, Gibbens D. Reteplase in the Treatment of Peripheral Arterial and Venous Occlusions: A Pilot Study. *J Vasc Intervent Radiolo* 2000; 11(7):849-54

Abstracts:

1. Benenati JF, Becker GJ, Mail JT, Jackson VP, Wass JL, Kopecky KK, Bendick PJ. Diagnosis and Management of Peripheral Arterial Bypass Graft Complications. *Radiology* 1986;161(P):400.
2. Benenati JF, Becker GJ, Mail JT, and Holden RW. Digital subtraction venography in the evaluation of superior vena cava and subclavian vein obstruction. Proceedings of the Eighty-Sixth Annual Meeting of the American Roentgen Ray Society, Washington, DC, April 14-18, 1986. p.287 (scientific exhibit abstract).
3. Benenati JF, Becker GJ, Mail JT, Jackson VP, Wass JL, Kopecky KK, Bendick PJ. Diagnosis and management of peripheral arterial bypass graft complications. Proceedings of the Seventy-second Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, Illinois. November 30-December 5, 1986. *Radiology* 1986;161(P):400. (Scientific exhibit abstract).
4. Richter GM, Noeldge G, Palmaz JC, Katzen BT, Becker GJ, Benenati JF, Zemel G, Roessle M. Initial Long-Term Results After Transjugular Intrahepatic Portosystemic Stent Placement. *JVIR* 1991;2:13.
5. Zemel G, Katzen BT, Benenati JF, Becker GJ. Early Experience with Transjugular Intrahepatic Portosystemic Shunts. *JVIR* 1991;2:14.
6. Sallee DS, LeBlang S, Becker GJ, Benenati JF, Zemel G, Katzen BT. Low-Dose for Lower Extremity Arterial and Graft Occlusions: Experience in 180 Cases. *JVIR* 1991;2:28.

7. Becker GJ, Ehrman KO, Harman JT, Durham JS, Lempert T, Zemel G, Benenati JF, Sallee DS, Katzen BT. Intravascular Ultrasound of the Renal Artery. *JVIR* 1991;2:53.
8. Benenati JF, Katzen BT, Becker GJ, Zemel G, Sallee DS. Clinical Utility of Intravascular US in Conjunction with Atherectomy Procedures. *JVIR* 1991;2:54.
9. Benenati JF, Becker GJ, Katzen BT, Zemel G. Chronic Iliac Artery Occlusions: Treatment with Percutaneous Endoluminal Stents. *Radiology* 1991;181(P):162.
10. Katzen BT, Benenati JF, Becker GJ, Zemel G. Role of Intravascular Ultrasound in Peripheral Atherectomy and Stent Deployment. *Radiology* 1991;181(P):170.
11. Sallee DS, LeBlang S, Becker GJ, Benenati JF, Zemel G, Katzen BT. Low-Dose Arterial Urokinase for Lower Extremity Limb Salvage: Experience in 132 Cases. *Radiology* 1991;181(P):220.
12. Bancroft JW III, Becker GJ, Katzen BT, Zemel G, Benenati JF, Sallee DS. Percutaneous Transjugular Portosystemic Shunt. *Radiology* 1991;181(P):338.
13. Zemel G, Katzen BT, Becker GJ, Benenati JF. Percutaneous Transjugular Portosystemic Shunt. *Radiology* 1991;181(P):99.
14. Becker GJ, Sallee DS, LeBlang S, Benenati JF, Zemel G, Katzen BT. Low-Dose Arterial Urokinase (UK) for Lower Extremity Limb Salvage: Experience in 132 Cases. *Circulation* 1991;84(4)[Suppl]:II-155.
15. Dake MD, Zemel G, Wexler L, Katzen BT, Wittich GR, Benenati JF, Becker GJ. The Use of Vascular Stents for the Management of Malignant Superior Vena Cava Syndrome. *Circulation* 1991;84(4)[Suppl]:II-421.
16. Benenati JF, Becker GJ, Katzen BT, Zemel G. Chronic Iliac Artery Occlusions: Treatment with Percutaneous Endoluminal Stents. *Circulation* 1991;84(4)[Suppl]:II-421.
17. Katzen BT, Benenati JF, Becker GJ, Zemel G. Role of Intravascular Ultrasound in Peripheral Atherectomy and Stent Deployment. *Circulation* 1991;84(4)[Suppl]:II-542.
18. Benenati JF, Becker GJ, Zemel G, Katzen BT, Julien WH, Semba CP. Chronic Iliac Artery Occlusions: Treatment with Percutaneous Endoluminal Stents. *JVIR* 1992 3(1):12.
19. Dake MD, Becker GJ, Benenati JF, Wexler L, Katzen BT, Zemel G, Wittich GR. Percutaneous Placement of Stents for Managing Complications of Aortic Dissection. *JVIR* 1992; 3(1):20.
20. Katzen BT, Becker GJ, Benenati JF, Zemel G, Dake MD, Semba CP, Julien WH. Long-Term Follow-up of Directional Atherectomy in the Femoral and Popliteal Arteries. *JVIR* 1992;3(1):38.
21. Benenati JF, Becker GJ, Zemel G, Katzen BT, Julien WH, Semba CP. Chronic Iliac Artery Occlusions: Treatment with Percutaneous Endoluminal Stents. *JVIR* 1992;3(1):12.
22. Zemel G, Becker GJ, Benenati JF, Katzen BT, Semba CP, Julien WH. Transjugular Portosystemic Shunts. *JVIR* 1992;3(1):17.

23. Dake MD, Becker GJ, Benenati JF, Wexler L, Katzen BT, Zemel G, Wittich GR. Percutaneous Placement of Stents for Managing Complications of Aortic Dissection. *JVIR* 1992;3(1):20.
24. Katzen BT, Becker GJ, Benenati JF, Zemel G, Dake MD, Semba CP, Julien W. Long-Term Follow-Up of Directional Atherectomy in the Femoral and Popliteal Arteries. *JVIR* 1992;3(1):38.
25. Benenati JF, Becker GJ, Zemel G, Katzen BT, Brown JA, Semba CP, et al. Initial Results with the Pullback Atherectomy Catheter. *Radiology* 1992;185(P):278.
26. Zemel G, Brown JA, Becker GJ, Benenati JF, Katzen BT, Semba CP, et al. Transjugular Intrahepatic Portosystemic Shunts: Long-Term Follow-Up. *Radiology* 1992; 185(P):166
27. Keady JL, Brown JA, Becker GJ, Benenati JF, Zemel G, Katzen BT. Two-year Follow-up after Urokinase for Lower-Extremity Arterial and Graft Occlusions. *Radiology* 1992;185(P):179.
28. Semba CP, Benenati JF, Zemel G, Becker GJ, Bounds D, Katzen BT, et al. Treatment of Iliac and Femoral Arteries with the Endovascular Wallstent. *Radiology* 1992;185(P):259.
29. Zemel G, Brown JA, Benenati JF, Katzen BT, Semba CP, Julien WH. TIPS: Long-Term Follow-Up. *JVIR* 1993;4(1):44.
30. Becker GJ, Pattynama PM, Brown JA, Zemel G, Benenati JF, Katzen BT. Percutaneous Renal Angioplasty: Effect on Renal Function in Azotemic Patients. *JVIR* 1993;4(1):48.
31. Keedy JL, Brown JA, Becker GJ, Benenati JF, Zemel G, Katzen BT. Two-Year Follow-Up After Urokinase for Lower Extremity Arterial and Graft Occlusions. *JVIR* 1993;4(1):65.
32. Keedy JL, Brown JA, Becker GJ, Benenati JF, Zemel G, Katzen BT. Two-Year Follow-Up After Urokinase for Lower Extremity Arterial and Graft Occlusions. *Circulation* 1993;88(4):I-71.
33. Becker GJ, Pattynama PM, Brown JA, Zemel G, Benenati JF, Katzen BT. Percutaneous Renal Angioplasty: Effect on Renal Function in Azotemic Patients. *Circulation* 1993;88(4):I-392.
34. Benenati JF, Semba CP, Katzen BT, Becker GJ, Zemel G, Bounds D Jr. Chronic Iliac Artery Occlusions: Treatment with Percutaneous Endoluminal Stents. *Circulation* 1993;88(4):I-393.
35. Flynn RP, Becker GJ, Katzen BT, Benenati JF, Zemel G, Bounds D Jr. Directional Atherectomy in Lower Extremity Arteries: Long-Term Follow-up. *Circulation* 1993;88(4):I-393.
36. Becker GJ, Katzen BT, Benenati JF, Zemel G, Bounds D Jr., Flynn RP. Directional Atherectomy in Lower Extremity Arteries: Long-Term Follow-up. *Radiology* 1993;189(P):293.
37. Zemel G, Katzen BT, Grubbs GE, Moore BS, Benenati JF, Becker GJ. Sonographic Indicators of Unsuccessful Transjugular Intrahepatic Portosystemic Shunts. *Radiology* 1994; 193(P):167.
38. Benenati JF, Becker GJ, Zemel G, Katzen BT, Puente OA, Alvarez J Jr. Initial Clinical Experience with Endoluminal Vascular Grafting. *Radiology* 1994;193(P):271.
39. Katzen BT, Becker GJ, Benenati JF, Zemel G, Mascioli CA, Mazzei ER. Initial Experience when Performing Combined Surgical and Interventional Procedures in the Interventional Suite. *Radiology* 1994;193(P):271.

40. Soulen MC, Baum RA, Benenati JF, Braverman SE, Cope C, Eschelman DJ, et al. RSNA '94 Meeting Notes. *Radiology* 1995;194(3):943-950.
41. Becker GJ, Benenati JF, Zemel G, Katzen BT, Puente OA, Alvarez J Jr. Initial Clinical Experience with Endoluminal Vascular Grafting. *Circulation* 1994;90(4, Part 2) I-206.
42. Katzen BT, Becker GJ, Benenati JF, Zemel G, Mascioli CA, Mazzei ER. Initial Experience when Performing Combined Surgical and Interventional Procedures in the Interventional Suite. *Circulation* 1994;90(4, Part 2) I-206.
43. Katzen BT, Becker GJ, Benenati JF, Zemel G, Puente OA, Alvarez J Jr, et al. Initial Experience when Performing Combined Surgical and Interventional Procedures in the Interventional Suite. *JVIR* 1995;6(1):19.
44. Becker GJ, Benenati JF, Zemel G, Katzen BT, Puente OA, Alvarez J Jr. Initial Clinical Experience with Endoluminal Vascular Grafting. *JVIR* 1995;6(1):20.
45. Katzen BT, Becker GJ, Benenati JF, Zemel G, Puente OA. Endovascular Technologies Endograft: Initial Results of a Multicenter Randomized Trial for Treatment of Abdominal Aortic Aneurysm. *JVIR* 1995;6(1):21.
46. Zemel G, Becker GJ, Benenati JF, Katzen BT. Four-Year Study of TIPS. *JVIR* 1995;6(1):24.
47. Katzen BT, Becker GJ, Mascioli CA, Benenati JF, Zemel G, Mazzei E, Alvarez J, Puente O, Kanter S. Endovascular therapy of thoracic and abdominal aortic aneurysms. *Cardiovasc Intervent Radiol* 1996;19(Suppl 2): S56
48. Katzen BT, Becker, GJ, Mascioli C, Benenati JF, Zemel G, Roll-Mazzei ER, Alvarez J, Puente O, Kanter SR. Creation of a Modified Angiography (Endovascular) Suite for Transluminal Endograft Placement and Combined Interventional-Surgical Procedures. *JVIR* 1996; 7:161-167
49. Becker GJ, Katzen BT, Benenati JF, Zemel G, Alvarez J, Puente O, Kanter S, Goodwin L, Mascioli C. MCVI Experience with Endografts. *CardioVascular and Interventional Radiology* 1996;19(1) pg.S70
50. Katzen BT, Becker GJ, Mascioli CA, Benenati JF, Zemel G, Mazzei E, Alvarez J, Puente O, Kanter S. Initial experience performing combined surgical/interventional procedures in the interventional suite. *Cardiovasc Intervent Radiol* 1996;19(Suppl 2):S58.
51. Becker GJ, Katzen BT, Benenati JF, Zemel G, Goodwin LB, Roizental M. Experience with transluminal endografting of abdominal aortic aneurysm in 23 patients: results and long-term follow-up. *JVIR* 1997; (S):190
52. Benenati JF. Risk assessment and physical examination in vascular disease. *JVIR* 1997; (CC): 241
53. Benenati JF, Becker GJ, Katzen BT, Benenati JF, Zemel G, Goodwin LB, Lazinger M. Transluminal endografting of nonaortic aneurysms, pseudoaneurysms, and arteriovenous fistulas. *JVIR* 1997;8 (1):191-192
54. Benenati JF, Becker GJ, Zemel G, Katzen BT, Goodwin LB, Samuels S. Catheter-directed fibrinolysis and intervention for iliofemoral deep venous thrombosis: technique and results. *JVIR* 1997;(S):185

55. Zemel G, Benenati JF, Becker GJ, Katzen BT, Brown J. Initial experience with a thrombolytic brush catheter for occluded dialysis graft. *JVIR Suppl* 1997;8(1, Part 2):249
55. Zemel G, Katzen BT, Becker GJ, Benenati JF, Goodwin LB, Ryan JJ. Experience with transluminal endografting of thoracic aortic aneurysm in seven patients: results and long-term follow-up. *JVIR Suppl* 1997;8(1, Part 2):239
56. Benenati, JF, Carotid Angioplasty/Stenting and Stroke Management
57. Benenati, JF, Risk assessment and physical examination in vascular disease. *JVIR Suppl.* Feb. 1999;10(2, Part 2):311
58. Benenati, JF, Noninvasive laboratory diagnosis of peripheral vascular disease. *JVIR Suppl.* Feb. 1999;10(2, Part 2):381
59. Benenati, JF, Zemel G, Katzen BT. Assessment of functional health status with use of the SF-36 in an outpatient vascular practice: A preliminary study. *JVIR Suppl.* Feb. 1999;10(2, Part 2):220
60. Hartnell GG, Orons PD, Watkinson AF, Grassi CJ, Benenati JF. Managing Complications of Central Venous Access ("How-to" Workshop). *Radiology* 1999;213(P):55
61. Bakal CW, Geller SC, Benenati JF. Stent-Grafts of the Aorta and Peripheral Vessels. *Radiology* 1999;213(P):58
62. Becker GJ, Kovacs M, Katzen BT, Benenati JF, Zemel G, Powell A, Baquero J, Gordon R, Greenberg B. Awareness, Diagnosis, and Management of Peripheral Arterial Disease and Deep Vein Thrombosis among Primary Care Physicians. *Circulation* 1999; Suppl I;100(18):I-673.
63. Becker GJ, Katzen BT, Benenati JF, Zemel G, Powell A, et al. First Five and One-Half Experience With Transluminal Endografting For Abdominal Aortic Aneurysm. *J Vasc Intervent Radiol* 2000; 11(2, part 2):192.
64. Hartnell GG, Orons PD, Watkinson AF, Grassi CJ, Benenati, JF. Managing Complications of Central Venous Access ("How-to" Workshop). *Radiology* 2000, 217:55
65. Bakal CW, Geller SC, Benenati JF. Stent-Grafts of the Aorta and Peripheral Vessels. *Radiology* 217:59
66. Katzen BT, Becker GJ, Mathison MN, Benenati JF, Zemel G, Powell A. Percutaneous or Cut-down for Contra-lateral Femoral Artery Access in Endovascular Abdominal Aortic Aneurysm Repair: Comparison of Complications. *JVIR Supplement* 2001, 12: S37

Text Books

1. Katzen BT, Becker GJ, Benenati JF, Zemel G. The Radiologic Clinics of North America. Vascular Imaging. January 1995:33
2. Murphy TP, Benenati JF. Patient Care in Interventional Radiology. SCVIR Syllabus:1999

3. Davidian MM, Benenati JF. Stent-Grafts: Current Clinical Practice. Thieme, New York 2000;5:55-68.

Book Chapters:

1. Katzen BT, Zemel G, Becker, GJ, Benenati JF. Shunt Prossistemico Intra-Hepatico Transjugular (TIPS): Experiencia do Instituto Vasacular de Miami. In: Castro L, Savassi-Rocha PR, and Renan Cunha-Melo J (eds). Topicos em Gastroenterologia 5, MEDSI Editora Medica e Cientifica Ltda., Rio de Janeiro, 1994: 449-456.
2. Benenati JF. Intravascular Ultrasound: The Role in Diagnostic and Therapeutic Procedures. Radiologic Clinics of North America, January 1995;:33-50.
3. Benenati JF. Intravascular Ultrasound: The Role in Diagnostic and Therapeutic Procedures. Cardiology Clinics of North America, February 1997;15(1):
4. Benenati JF. Intravascular Ultrasound: Non-Invasive Vascular Imaging with Ultrasound, Computed Tomography, and Magnetic Resonance. SCVIR Syllabus, December 1997: 21-33.
5. Benenati JF. Endovascular Suite for Endograft Placement and Other Combined Interventional-Surgical Procedures. Vascular Intervention A Clinical Approach, 1998 Thieme, New York.
6. Benenati, JF. The Outpatient Clinic for Interventionalist. Patient Care in Interventional Radiology. SCVIR Syllabus 1999;3:21-30.
7. Davidian MM, Benenati JF, Powell A. Endovascular Grafts for the Treatment of Abdominal Aortic Aneurysms: Development of Stent-Grafts, Design of Devices and Technical Results. Stent-Grafts: Current Clinical Practice. Thieme, New York 2000;5:55-68
8. Fox LA, Benenati JF. Carotid Artery Stenting: The Handbook of Interventional Radiologic Procedures. Lippincott, 2001

Scientific Presentations:

1. Benenati JF, Becker GJ, Mail JT, Holden RW.
Digital Subtraction Venography in the Evaluation of Superior Vena Cava and Subclavian Vein Obstruction.
Eighty-Sixth Annual Meeting of the American Roentgen Ray Society
Washington, D.C.
April 15, 1986.
2. Benenati JF.
Leigh's Disease: A Case Discussion.
Association of University Radiologists Thirty-Fourth Annual Meeting
Hartford, Connecticut
May 4-8, 1986.

3. Ingham WK, Benenati JF, Becker GJ, Bloom R.
Upper Extremity Percutaneous Transluminal Venous Angioplasty in Patients with Dialysis
Fistulae
The Annual John A. Campbell Lecture Series
Indianapolis, Indiana
April 9, 1988
4. Mulry CC, Benenati JF, Schrodt JF.
Radiology Resident Call: A Survey of Academic Teaching Programs with Comparisons to Other
Clinical Services.
Association of University Radiologists
New Orleans, Louisiana
April 20, 1988.
5. Benenati JF, Widlus DM, Venbrux AC, Lynch-Hyhan A, Osterman FA, Taylor DR, Tewes PA,
Cassidy FP.
Anterior Celiac Plexus Block for Interventional Biliary Procedures.
Seventy-Fifth Scientific Assembly and Annual Meeting of the Radiological Society of North
America
Chicago, Illinois
November 27, 1989.
6. Widlus DM, Venbrux AC, Mitchell SE, Lynch-Nyhan A, Benenati JF, Cassidy FP Jr.,
Osterman FA.
Percutaneous Management of Brachial Artery Embolus and Thrombosis.
Seventy-Fifth Scientific Assembly and Annual Meeting of the Radiological Society of North
America
Chicago, Illinois
November 27, 1989.
7. Mitchell SE, Venbrux AC, Benenati JF, Wildus DM, Osterman FA Jr.
Percutaneous Atherectomy Using the Simpson Atherectomy Device
Fourteenth Annual Society of CardioVascular and Interventional Radiology
San Diego, California
March 20, 1989.
8. Venbrux AC, Benenati JF, Mitchell SE, Lynch-Nyhan A, Osterman FA Jr.
Biliary Ductal Biopsy Using the Simpson Atherectomy Catheter.
Fifteenth Annual Society of CardioVascular and Interventional Radiology Meeting
Miami Beach, Florida
March 26-29, 1990.
9. Venbrux AC, Mitchell SE, Wildus DM, Tudder GB, Benenati JF, Osterman FA Jr.
Simpson Atherectomy Catheter for Treatment of Femoropopliteal Peripheral Vascular Disease
Seventy-Sixth Scientific Assembly and Annual Meeting of the Radiological Society of North
America
Chicago, Illinois
November 26, 1990.

10. Zemel G, Katzen BT, Benenati JF, Dake MD, Lempert TE
Directional Atherectomy of Dialysis Access Fistula Stenosis
Seventy-Sixth Scientific Assembly and Annual Meeting of the Radiological Society of North America
Chicago, Illinois
November 26, 1990.
11. Soulen MC, Benenati JF, Sheth S, Needleman L, Merton DA, Rothgeb J, Venbrux A
Doppler Evaluation of Renal Artery Angioplasty
Seventy-Sixth Scientific Assembly and Annual Meeting of the Radiological Society of North America
Chicago, Illinois
November 26, 1990
12. Becker GJ, Elson J, Ehrman KO, Wholey M, Benenati JF, Zemel G, Sallee DS, Katzen BT
Venous Stent Applications
Third Annual Symposium on Peripheral Vascular Intervention sponsored by the
Miami, Florida
January 24, 1991
13. Zemel G, Katzen BT, Benenati JF, Becker GJ
Early Experience with Transjugular Intrahepatic Portosystemic Shunts.
Sixteenth Annual Meeting of the Society of CardioVascular and Interventional Radiology Meeting
San Francisco, California
February 16, 1991
14. Richter GM, Noeldge G, Palmaz JC, Katzen BT, Becker GJ, Benenati JF, Zemel G, Roessle M.
Initial Long-Term Results after Transjugular Intrahepatic Portosystemic Stent Placement.
Sixteenth Annual Meeting of the Society of CardioVascular and Interventional Radiology Meeting
San Francisco, California
February 17, 1991.
15. Sallee DS, LeBlang S, Becker GJ, Benenati JF, Zemel G, Katzen BT
Low Dose Urokinase for Lower Extremity Arterial and Graft Occlusions: Experience in 180 Cases
Sixteenth Annual Society of CardioVascular and Interventional Radiology Meeting
San Francisco, California
February 16, 1991.
16. Becker GJ, Ehrman KO, Harman JT, Durham JS, Lempert T, Zemel G, Benenati JF, Sallee DS, Katzen, BT
Intravascular Ultrasound of the Renal Artery
Sixteenth Annual Society of CardioVascular and Interventional Radiology
San Francisco, California
February 20, 1991.
17. Benenati JF, Katzen BT, Becker GJ, Zemel G, Sallee DS
Clinical Utility of Intravascular US in Conjunction with Atherectomy Procedures
Sixteenth Annual Society of CardioVascular and Interventional Radiology Meeting
San Francisco, California
February 20, 1991.

18. Sallee DS, Becker GJ, Bounds D, Benenati JF, Zemel G, Katzen BT
Activated Coagulation Time (ACT) and Safety of Endovascular Sheath Removal: Importance of Sampling Site
Association of University Radiologists Thirty-ninth Annual Meeting
Orlando, Florida
March 16, 1991.
19. Benenati JF, Becker GJ, Katzen BT, Zemel G.
Chronic Iliac Artery Occlusions: Treatment with Percutaneous Endoluminal Stents. Sixty-Fourth Scientific Sessions of the American Heart Association
Anaheim, California.
November 13, 1991.
20. Katzen BT, Benenati JF, Becker GJ, Zemel G.
Role of Intravascular Ultrasound in Peripheral Atherectomy and Stent Deployment.
Sixty-Fourth Scientific Sessions of the American Heart Association
Anaheim, California.
November 13, 1991.
21. Becker GJ, Sallee DS, LeBlang S, Benenati JF, Zemel G, Katzen BT.
Low Dose Arterial Urokinase for Lower Extremity Limb Salvage: Experience in 132 Cases.
Sixty-Fourth Scientific Sessions of the American Heart Association
Anaheim, California
November 13, 1991.
22. Dake MD, Zemel G, Wexler L, Katzen BT, Wittich GR, Benenati JF, Becker GJ.
The Use of Vascular Stents for the Management of Malignant Superior Vena Cava Syndrome
Sixty-Fourth Scientific Sessions of the American Heart Association
Anaheim, California
November 13, 1991
23. Benenati JF
Chronic Iliac Artery Occlusions: Treatment with Percutaneous Endoluminal Stents
Seventy-Seventh Scientific Assembly and Annual Meeting of the Radiological Society of North America
Chicago, Illinois
December 1-6, 1991.
24. Zemel G, Katzen BT, Becker GJ, Benenati JF
Percutaneous Transjugular Portosystemic Shunt
Seventy-Seventh Scientific Assembly and Annual Meeting of the Radiological Society of North America
Chicago, Illinois
December 1-6, 1991.
25. Dake MD, Stanford CA, Zemel G, Wexler L, Katzen BT, Wittich GR, Benenati JF
Percutaneous Treatment of Malignant Superior Vena Cava Syndrome with Vascular Stents
Seventy-Seventh Scientific Assembly and Annual Meeting of the Radiological Society of North America
Chicago, Illinois
December 1-6, 1991.

26. Katzen BT, Benenati JF, Becker GJ, Zemel G.
Role of Intravascular US in Peripheral Atherectomy and Stent Deployment
Seventy-Seventh Scientific Assembly and Annual Meeting of the Radiological Society of North America
Chicago, Illinois
December 1-6, 1991.

27. Sallee DS, LeBlang S, Becker GJ, Benenati JF, Zemel G, Katzen BT
Low-Dose Arterial Urokinase for Lower Extremity Limb Salvage: Experience in 132 Cases
Seventy-Seventh Scientific Assembly and Annual Meeting of the Radiological Society of North America
Chicago, Illinois
December 1-6, 1991.

28. LeBlang S, Keady J, Becker GJ, Benenati JF, Zemel G, Sallee DS, Katzen BT.
Results of Thrombolytic Therapy in PVD: MCVI Experience in 132 Cases.
Fourth Annual International Symposium on Vascular Diagnosis and Intervention
Miami, Florida
February 3, 1992.

29. Benenati JF, Becker GJ, Zemel G, Katzen BT, Semba CP, Julien W
Chronic Iliac Artery Occlusions: Treatment with Percutaneous Endoluminal Stents
Seventeenth Annual Society of CardioVascular and Interventional Radiology Meeting
Washington, DC. April 6, 1992.

30. LeBlang S, Keady J, Becker GJ, Benenati JF, Zemel G, Sallee DS, Katzen BT.
Results of Thrombolytic Therapy in PVD: MCVI Experience in 132 Cases.
Interventional Radiology in the 1990s, a CME Course of the Miami Cardiac & Vascular Institute
Key West, Florida
May 2, 1992

31. Bancroft J, Zemel G, Becker GJ, Benenati JF, Katzen BT, Sallee DS
Transjugular Intrahepatic Portosystemic Shunts
Ninety-Second Annual Meeting of the American Roentgen Ray Society
Orlando, Florida
May 11 - 15, 1992

32. Benenati JF, Becker GJ, Zemel G, Katzen BT, Brown JA, Semba CP, et al
Initial Results with the Pullback Atherectomy Catheter
Seventy-Eighth Scientific Assembly and Annual Meeting of the Radiological Society of North America
Chicago, Illinois
November 29-December 4, 1992.

33. Keady JL, Brown JA, Becker GJ, Benenati JF, Zemel G, Katzen BT
Two-year Follow-up after Urokinase for Lower-Extremity Arterial and Graft Occlusions
Seventy-Eighth Scientific Assembly and Annual Meeting of the Radiological Society of North America
Chicago, Illinois
November 29-December 4, 1992.

34. Semba CP, Benenati JF, Zemel G, Becker GJ, Bounds D, Katzen BT, et al
Treatment of Iliac and Femoral Arteries with the Endovascular Wallstent
Seventy-Eighth Scientific Assembly and Annual Meeting of the Radiological Society of North America
Chicago, Illinois
November 29-December 4, 1992.
35. Zemel G, Brown JA, Becker GJ, Benenati JF, Katzen BT, Semba CP, et al.
Transjugular Intrahepatic Portosystemic Shunts: Long-Term Follow-up
Seventy-Eighth Scientific Assembly and Annual Meeting of the Radiological Society of North America
Chicago, Illinois
November 29-December 4, 1992.
36. Becker GJ, Pattynama PM, Brown JA, Zemel G, Benenati JF, Katzen BT.
Percutaneous Renal Angioplasty: Effect on Renal Function In Azotemic Patients
Sixty-Sixth Scientific Sessions of the American Heart Association
Atlanta, Georgia
November 8-11, 1993
37. Benenati JF, Semba CP, Katzen BT, Becker GJ, Zemel G, Bounds D Jr.
Chronic Iliac Artery Occlusions: Treatment with Percutaneous Endoluminal Stents
Sixty-Sixth Scientific Sessions of the American Heart Association
Atlanta, Georgia
November 8-11, 1993
38. Flynn RP, Becker GJ, Katzen BT, Benenati JF, Zemel G, Bounds D Jr.
Directional Atherectomy in Lower Extremity Arteries: Long-Term Follow-up
Sixty-Sixth Scientific Sessions of the American Heart Association
Atlanta, Georgia
November 8-11, 1993
39. LeBlang S, Keedy JL, Brown JA, Becker GJ, Benenati JF, Zemel G, Katzen BT
Two-Year follow-up after urokinase for lower extremity arterial graft occlusions.
Sixty-Sixth Scientific Sessions of the American Heart Association
Atlanta, Georgia
November 8-11, 1993
40. Becker GJ, Pattynama PM, Brown J, Zemel G, Benenati JF, Katzen.
Renal PTA in Azotemic Patients with Atherosclerotic Renal Artery Stenosis.
Sixth Annual International Symposium on Diagnosis and Intervention in Peripheral Vascular Disease
Miami Beach, Florida
January 9-14, 1994
41. Nineteenth Annual Meeting of the Society of CardioVascular and Interventional Radiology
San Diego, California
March 19-24, 1994

42. Becker GJ, Benenati JF, Zemel G, Katzen BT, Puente OA, Alvarez J Jr.
Initial Clinical Experience with Endoluminal Vascular Grafting
Sixty-Seventh Scientific Sessions of the American Heart Association
Dallas, Texas
November 12 -19, 1994
43. Katzen BT, Becker GJ, Benenati JF, Zemel G, Mascioli CA, Mazzei E.
Initial Experience Performing Combined Surgical/Interventional Procedures in the Interventional Suite.
Sixty-Seventh Scientific Sessions of the American Heart Association
Dallas, Texas
November 12-19, 1994
44. Zemel G, Katzen BT, Grubbs GE, Moore BS, Benenati JF, Becker GJ.
Sonographic Indicators of Unsuccessful Transjugular Intrahepatic Portosystemic Shunts.
Eightieth Scientific Assembly and Annual Meeting of the Radiological Society of North America
Chicago, Illinois
November 28-December 2, 1994
45. Benenati JF, Becker GJ, Zemel G, Katzen BT, Puente OA, Alvarez J Jr.
Initial Clinical Experience with Endoluminal Vascular Grafting
Eightieth Scientific Assembly and Annual Meeting of the Radiological Society of North America
Chicago, Illinois
November 28-December 2, 1994
46. Katzen BT, Becker GJ, Benenati JF, Zemel G, Mascioli CA, Mazzei E.
Initial Experience Performing Combined Surgical/Interventional Procedures in the Interventional Suite.
Eightieth Scientific Assembly and Annual Meeting of the Radiological Society of North America
Chicago, Illinois
November 28-December 2, 1994
47. Benenati JF
Sonographic Indicators of Unsuccessful Transjugular Intrahepatic Portosystemic Shunts
80th Scientific Assembly and Annual Meeting of the Radiological Society of North America
Chicago, Illinois
November 27- December 2, 1994
48. Becker GJ, Katzen BT, Benenati JF, Zemel G, Alvarez J Jr., Puente OA, Kanter SR, Goodwin L, Mascioli CA
Endoluminal Grafts: MCVI Experience
Seventh Annual Symposium on Vascular Diagnosis and Intervention
Miami Beach, Florida
January 23, 1995

49. Becker GJ, Katzen BT, Benenati JF, Zemel G, Alvarez J Jr, Puente OA, Kanter SR, Goodwin L, Mascioli CA.
Rocky Mountain Vascular Disease Symposium sponsored by the Medical Education Collaborative and the University of Colorado Health Science Center, Department of Vascular Surgery.
Beaver Creek, Colorado
March 16, 1995

50. Katzen BT, Becker GJ, Benenati JF, Zemel G, Puente OA, Alvarez J Jr.
Initial Experience with Combined Surgical-Interventional Procedures Performed in the Interventional Suite.
Twentieth Annual Scientific Meeting of the Society of CardioVascular and Interventional Radiology
Ft. Lauderdale, Florida
March 25-30, 1995

51. Becker GJ, Katzen BT, Benenati JF, Zemel G, Alvarez J Jr, Puente OA.
~~Initial Clinical Experience with Endoluminal Vascular Grafting.~~
Twentieth Annual Scientific Meeting of the Society of CardioVascular and Interventional Radiology
Ft. Lauderdale, Florida
March 25-30, 1995

52. Katzen BT, Becker GJ, Benenati JF, Zemel G & Puente OA
Endovascular Technologies Endograft: Initial Results of a Multicenter Randomized Trial for Treatment of Abdominal Aortic Aneurysm.
Twentieth Annual Scientific Meeting of the Society of CardioVascular and Interventional Radiology
Ft. Lauderdale, Florida
March 25-30, 1995

53. Katzen BT, Becker GJ, Benenati JF, Zemel G, Puente OA.
Endovascular Technologies Endograft: Initial Results of a Multicenter Randomized Trial for Treatment of Abdominal Aortic Aneurysm.
Twentieth Annual Scientific Meeting of the Society of CardioVascular and Interventional Radiology
Ft. Lauderdale, Florida
March 25-30, 1995

54. Zemel G, Becker GJ, Benenati JF, Katzen BT.
Four-Year Study of TIPS
Twentieth Annual Scientific Meeting of the Society of CardioVascular and Interventional Radiology
Ft. Lauderdale, Florida
March 25-30, 1995

55. Becker GJ, Katzen BT, Benenati JF, Zemel G, Puente O, Alvarez J Jr, Kanter S, Goodwin L, Mascioli CA.
New Interventional Approaches to Treat Aortic and Iliac Aneurysmal Disease
Frontiers in Vascular Disease: Vascular Surgery, Interventional Radiology, Interactive Strategies.
Pebble Beach, Monterey, California
September 3, 1995

56. Becker GJ, Katzen BT, Benenati JF, Zemel G, Puente OA, Alvarez J JR, Kanter S, Mascioli, CA, Mazzei L.
Performing Combined Surgical/Interventional Procedures in an Interventional Environment.
Sixth International Symposium on Vascular Intervention
Nancy, France
October 12, 1995
57. Becker GJ, Katzen BT, Benenati JF, Zemel G, Puente OA, Alvarez J JR, Kanter S. Mascioli CA, Mazzei L.
Overview of Current Research Activities in the Use of Covered Stents.
Sixth International Symposium on Vascular Intervention
Nancy, France
October 12, 1995
58. Becker GJ, Pattynama PMT, Brown JA, Katzen BT, Benenati JF, Zemel G.
Use of Renal Angioplasty and Stenting in Patients with Chronic Renal Failure.
Sixth International Symposium on Vascular Intervention
October 12, 1995
59. Becker GJ, Katzen BT, Benenati JF, Zemel GZ, Puente OA, Alvarez J Jr, Kanter S, Mascioli CA, Mazzei L.
MCVI Experience with Endografts
Eighth Annual Symposium on Peripheral Vascular Disease and Intervention
Miami Beach, Florida
January 28-February 1, 1996
60. Benenati JF.
Intravascular Ultrasound
Eighth Annual Symposium on Peripheral Vascular Disease and Intervention
Miami Beach, Florida
January 28-February 1, 1996
61. Benenati, JF
The Essentials of a Vascular History and Physical
Twenty - First Annual Scientific Meeting of the Society of CardioVascular and Interventional Radiology
Seattle, Washington
March 2-7, 1996
62. Becker GJ, Katzen BT, Benenati JF, Zemel G, Puente OA, Alvarez J Jr, Kanter S, Mascioli CA, Mazzei L
MCVI Experience with Endografts
Twenty-First Annual Scientific Meeting of the Society of CardioVascular and Interventional Radiology
Seattle, Washington
March 2-7, 1996

63. Becker GJ, Katzen BT, Benenati JF, Zemel G, Puente OA, Alvarez J Jr, Kanter S, Mascioli CA, Mazzei L
Transfemoral Endograft Repair of AAAs: Current Status
Twenty-First Annual Scientific Meeting of the Society of CardioVascular and Interventional Radiology
March 11, 1996
64. Becker GJ, Katzen BT, Benenati JF, Zemel G, Puente OA, Alvarez J Jr, Kanter S, Mascioli CA, Mazzei L.
Preliminary Personal Experience with Stent-Grafts
Islands Vascular Disease Symposium
Key Biscayne, Florida
April 15, 1996
65. Becker G, Katzen B, Benenati J, Zemel G, Alvarez J Jr, Puente O, Kanter S, Goodwin L, Mascioli C
MCVI Experience with Endografts
Asian Medical Center, University of Ulsan
Seoul, Korea
April 22, 1996
66. Becker G, Katzen B, Benenati J, Zemel G, Alvarez J Jr, Puente O, Kanter S, Goodwin L, Mascioli C
MCVI Experience with Endografts
Japanese Society of Angiography & International Radiology
Aomori, Japan
April 25, 1996
67. Becker GJ, Katzen BT, Benenati JF, Zemel GZ, Puente OA, Alvarez J Jr, Katners S, Reiss I, Mascioli CA, Mazzei L.
Stent-Grafts: Overview of Clinical Approach and the MCVI Experience.
Fourth Annual Inter-American Symposium on CardioVascular Disease
Key Biscayne, Florida
June 7, 1996
68. Becker GJ, Katzen BT, Benenati JF, Zemel G, Goodwin L, Mascioli CA, Alvarez J Jr, Puente OA, Reiss IM.
Transluminal Management of Thoracic Aortic Aneurysm.
Sixth Annual Southern New England Symposium on Peripheral Vascular Disease
Newport, Rhode Island
August 18, 1996
69. Becker GJ, Katzen BT, Benenati JF, Zemel G, Goodwin L, Mascioli CA, Alvarez J Jr, Puente OA, Reiss IM.
Stent-Grafts for Abdominal Aortic Aneurysm
Sixth Annual Southern New England Symposium on Peripheral Vascular Disease
Newport, Rhode Island
August 18, 1996

70. Katzen BT, Becker GJ, Mascioli CA, Benenati JF, Zemel G, Mazzei L, Alvarez J Jr, Puente O, Kanter S.
Endovascular Therapy of Thoracic and Abdominal Aortic Aneurysms.
Annual Meeting and Postgraduate Course of CardioVascular and Interventional Radiology Society of Europe.
Madeira, Spain
September 8-12, 1996

71. Katzen BT, Becker GJ, Mascioli CA, Benenati JF, Zemel G, Mazzei L, Alvarez J Jr, Puente O, Kanter S.
Initial Experience Performing Combined Surgical/Interventional Procedures in the Interventional Suite.
Annual Meeting and Postgraduate Course of CardioVascular and Interventional Radiology Society of Europe.
Madeira, Spain
September 8-12, 1996

72. Becker GJ, Katzen BT, Benenati JF, Zemel G, Goodwin L, Mascioli CA, Alvarez J Jr, Puente OA, Reiss IM.
AAA Stent-Grafting
Third International Symposium on CardioVascular and Interventional Radiology
Cambridge, MA
October 7, 1996

73. Becker GJ, Katzen BT, Benenati JF, Zemel G, Goodwin L, Mascioli CA, Alvarez J Jr, Puente OA, Reiss IM.
Manejo percutaneo de la enfermedad oclusiva femoro-poplitea.
IV Congreso Dentreamericano de Cirugia and the IX Congreso Costarricense de Cirugia
San Jose, Costa Rica
November 7, 1996

74. Becker GJ, Katzen BT, Benenati JK, Zemel GZ, Puente OA, Alvarez J Jr, Katzman H, Coello A, Reiss IM
MCVI Experience with Endografts
Ninth International Symposium on Peripheral Vascular Diagnosis and Intervention
Miami Cardiac & Vascular Institute
Miami Beach, Florida
January 1997

75. Zemel G, Benenati JF, Becker GJ, Katzen BT, Brown J.
Initial Experience with a Thrombolytic Brush Catheter for Occluded Dialysis Graft
Society of CardioVascular and Interventional Radiology
Washington, DC
March 8-13, 1997

76. Benenati JF, Zemel G, Becker GJ, Katzen BT, Goodwin LB, Samuels S.
Catheter Directed Fibrinolysis and Intervention for Iliofemoral DVT: Technique and Results
Society of CardioVascular and Interventional Radiology
Washington, DC
March 8-13, 1997

77. Benenati JF, Becker GJ, Zemel G, Katzen BT, Goodwin LB, Lazinger M.
Transluminal Endografting of Non-Aortic Aneurysms, Pseudoaneurysms, and Arteriovenous
Fistulae
Society of CardioVascular and Interventional Radiology
Washington, DC
March 8-13, 1997

78. Becker GJ, Katzen BT, Benenati JF, Zemel G, Goodwin LB, Roizental M.
Experience with Transluminal Endografting of Abdominal Aortic Aneurysm (AAA) In 23 Patients:
Results and Long-Term Follow-Up
Society of CardioVascular and Interventional Radiology
Washington, DC
March 8-13, 1997

79. Benenati JF
Noninvasive Laboratory Diagnosis of Peripheral Vascular Disease
Society of CardioVascular and Interventional Radiology
Orlando, FL
March 20-25, 1999

80. Benenati JF
Risk Assessment and Physical Examination in Vascular Disease
Society of CardioVascular and Interventional Radiology
Orlando, FL
March 20-25, 1999

81. Benenati JF, Zemel G, Katzen BT.
Assessment of Functional Health Status with Use of the SF-36 in an Outpatient Vascular Practice:
A Preliminary Study
Society of CardioVascular and Interventional Radiology
Orlando, FL
March 20-25, 1999

82. Hartnell GG, Orons PD, Watkinson AF, Grassi CJ, Benenati JF.
Managing Complications of Central Venous Access ("How-to" Workshop).
Radiological Society of North America
McCormick Place, Chicago
November 28-December 3, 1999

83. Bakal CW, Geller SC, Benenati JF.
Stent-Grafts of the Aorta and Peripheral Vessels.
Radiological Society of North America
McCormick Place, Chicago
November 28-December 3, 1999

84. Becker GJ, Kovacs M, Katzen BT, Benenati JF, Zemel G, Powell A, Mourant L, Lima M, Gordon
R, Baquero JM
First Five and One-Half Year Experience with Transluminal Endografting for Abdominal Aortic
Aneurysm
SCVIR 25th Annual Meeting
San Diego, CA
March 25 - 30, 2000

85. Spies JB, Benenati JF, Worthington-Kirsch
Initial US Experience with Embospheres for Embolization of Uterine Leiomyomata
Uterine Fibroid Embolization
Ritz Carlton, Washington DC
October 13-14, 2000
86. Hartnell GG, Orons PD, Watkinson AF, Grassi CJ, Benenati JF
Managing Complications of Central Venous Access ("How-to" Workshop)
Radiological Society of North America
McCormick Place, Chicago
November 26 - December 1, 2000
87. Bakal CW, Geller SC, Benenati JF
Stent-Grafts of the Aorta and Peripheral Vessels
Radiological Society of North America
McCormick Place, Chicago
November 26 - December 1, 2000
88. Katzen BT, Becker GJ, Mathison MN, Benenati JF, Zemel G, Powell A.
Percutaneous or Cut-down for Contra-lateral Femoral Artery Access in Endovascular Abdominal
Aortic Aneurysm Repair: Comparison of Complications
SCVIR 26th Annual Scientific Meeting
San Antonio, Texas
March 3-8, 2001
89. Benenati JF
Thrombolytics: Use of Thrombolytics in Interventional Procedures
SCVIR 26th Annual Scientific Meeting
San Antonio, Texas
March 3-8, 2001
90. Benenati, JF
Infrainguinal Interventions: What Can we do and What Should we Do
SCVIR 26th Annual Scientific Meeting
San Antonio, Texas
March 3-8, 2001

Invited Lectures and Presentations:

1. Benenati JF.
Teachers as Role Models: The Impact on the Learning Experience
Indiana University Fall Faculty Conference
October 16-17, 1986.
2. Benenati JF, Becker GJ, Mail JT, Holden RW.
Digital Subtraction Venography in the Evaluation of Superior Vena Cava and Subclavian Vein
Obstruction.
John Campbell Lecture Series
Indiana University School of Medicine, Indianapolis, Indiana
April 4, 1987.

3. Ingham WK, Benenati JF, Becker GJ, Bloom R.
Upper Extremity Percutaneous Transluminal Venous Angioplasty in Patients with Dialysis
Fistulas.
John Campbell Lecture Series
Indiana University School of Medicine, Indianapolis, Indiana
April 9, 1988.
4. Benenati JF.
Percutaneous Interventional Techniques in Failing Dialysis Fistulas.
Department of Medicine Grand Rounds
Indiana University Medical Center, Indianapolis, Indiana
June 13, 1988.
5. Benenati JF.
Radiology of Arteritis
Grand Rounds
The Johns Hopkins Hospital, Baltimore, Maryland
September 12, 1988.
6. Benenati JF.
Recent Advances in Peripheral Vascular Intervention
Miami Cardiac & Vascular Institute
Baptist Hospital of Miami
April 23, 1990.
7. Benenati JF.
Mesenteric Vascular Insufficiency: A Real Belly Ache
Baptist Hospital of Miami - The Gut Club
Baptist Hospital of Miami, Miami, Florida
June 19, 1990.
8. Benenati, JF.
Radiologic Intervention.
Clinical Pathology Conference
Baptist Hospital of Miami, Miami, Florida
July 11, 1990.
9. Benenati, JF.
New Devices in Vascular Intervention.
Birmingham Angio Club
The Sheraton Perimeter Park, Birmingham, Alabama
September 17, 1990.
10. Benenati, JF.
G.I. bleeding: Diagnostic and Treatment Considerations.
Baptist Hospital of Miami - The Gut Club
Baptist Hospital of Miami, Miami, Florida
October 16, 1990.

11. Benenati, JF.
Pulmonary Angiography and Non-Invasive Assessment of DVT
Miami Cardiac & Vascular Institute Presents: Current Concepts in Diagnosis, Management and Prevention of Pulmonary Emboli
Baptist Hospital of Miami, Miami, Florida
October 23, 1990.
12. Benenati JF.
New Devices in Treatment of Peripheral Vascular Disease
The South Florida Non Invasive Vascular Society
Miami Cardiac & Vascular Institute
Baptist Hospital of Miami
November 3, 1990.
13. Benenati JF.
Management and Prevention of Pulmonary Emboli
Golden Glades Regional Medical Center
November 13, 1990.
14. Becker GJ, Elson J, Eherman KO, Wholey M, Benenati JF, Zemel G, Sallee DS, Katzen BT.
Venous Stent Applications
Intravascular Stent Symposium
San Antonio, Texas
January 11, 1991.
15. Benenati JF.
The Non-Invasive Vascular Lab: Role in Interventional Therapy of Peripheral Arterial Disease
Third International Symposium on Peripheral Vascular Intervention
Miami Beach, Florida
January 21, 1991.
16. Becker GJ, Elson J, Eherman KO, Wholey M, Benenati JF, Zemel G, Sallee DS, Katzen BT.
Venous Stent Applications
Third Annual Symposium on Peripheral Vascular Intervention
Miami Beach, Florida
January 24, 1991.
17. Benenati JF.
Overview of Intravascular Ultrasound
Clinical Support Specialist Training Program
Baptist Hospital of Miami
Miami, Florida
February 4, 1991.
18. Benenati JF.
New Interventional Techniques in the Diagnosis and Management of Vascular Disease.
First Annual Joint Meeting of the Association of Vascular and Interventional Radiographers (AVIR) and the American Radiological Nurses Association (ARNA)
San Francisco, California
February 21, 1991.

19. Benenati JF.
Renovascular Hypertension
Angiographic Diagnosis
Miami Cardiac & Vascular Institute
February 26, 1991.
20. Benenati JF.
Palmaz Stent Certification Course
Holy Cross Hospital
Ft. Lauderdale, Florida
April 10, 1991.
21. Benenati JF.
Interventional Radiology in the 90's
Tibial PTA
Miami Cardiac & Vascular Institute
Key West, Florida
April 19, 1991.
22. Benenati JF, Katzen BT, McLean G.
Interventional Radiology in the 90's
Technical Aspects of Stent Placement
Miami Cardiac & Vascular Institute
Key West, Florida
April 19, 1991.
23. Benenati JF.
Interventional Radiology in the 90's
Percutaneous Gastrostomy
Key West, Florida
April 20, 1991.
24. Benenati JF.
Symposium on Peripheral Vascular Disease
The Diagnosis of Peripheral Vascular Disease
St. Paul Medical Center
Dallas, Texas
May 18, 1991.
25. Benenati JF.
Symposium on Peripheral Vascular Disease
Visceral Angiography and Intervention
St. Paul Medical Center
Dallas, Texas
May 18, 1991.
26. Benenati JF.
Diabetes Care Center
Vascular Intervention for the Diabetic Patient
Baptist Hospital of Miami
Miami, Florida
June 12, 1991.

27. Benenati JF.
Chesapeake Interventional Radiology Society
Portosystemic Shunts
The Alexandria Hospital
Alexandria, Virginia
September 25, 1991.
28. Benenati JF.
Cardiology Conference
Update on Pulmonary Embolism
Baptist Hospital of Miami
Miami, Florida
January 30, 1992.
29. Benenati JF.
Fourth International Symposium on Vascular Diagnosis and Intervention
The Non-invasive Vascular Lab
Treatment of Total Iliac Artery Occlusions with Stents
Clinical Utility of Intravascular Ultrasound
February 3-6, 1992.
30. Benenati JF.
Society of CardioVascular & Interventional Radiology Annual Meeting
Techniques for Optimizing Interventions: IVUS, Angioscopy and Other Methods
Washington, DC
April 9, 1992.
31. Benenati JF.
Interventional Radiology in the 90's
The Non-Invasive Vascular Lab
Miami Cardiac & Vascular Institute
Key West, Florida
May 2, 1992.
32. Benenati JF.
Fifth Annual International Symposium of Vascular Diagnosis & Intervention
Infrainguinal Stents: Initial Results
Iliac Artery Occlusions: Techniques and Results
Miami Cardiac & Vascular Institute
January 25-28, 1993.
33. Benenati JF.
MidAmerica International Radiological
Third Spring Interventional Radiology Meeting and Seminar
Treatment of Vascular Occlusion with Endovascular Stents
New Devices in Interventional Radiology / Small Vessel Angioplasty
Tulsa, Oklahoma
April 16-17, 1993.

34. Benenati JF.
Interventional Radiology in the 90's
Stents for Iliac Artery Occlusion
Intravascular Ultrasound
Miami Cardiac & Vascular Institute
April 29-May 1, 1993.
35. Benenati JF.
First International Symposium: Contemporary Approaches to
Intervention in Cardiac and Vascular Disease
Clinical Assessment of Peripheral Vascular Disease
Basic Principles of Fibrinolytic Therapy
Stents for Iliac Artery Occlusion
Miami Cardiac & Vascular Institute
Coral Gables, Florida
June 9-12, 1993.
36. Benenati, JF
18th International Congress of Radiology
Investigating Vascular Disease-Intravascular Ultrasound
Angioplasty I-Below the Knee
Current Status of Devices in Vascular Disease-Atherectomy
Thrombolytic Therapy in Limb Salvage
Singapore
January 23-28, 1994
37. Benenati, JF
Frontiers in the Treatment of Vascular Disease
Indiana University School of Medicine
The Westin Hotel-Indianapolis
Indianapolis, Indiana
May 7, 1994
38. Benenati, JF
Annual Spring Meeting 1994
Florida Radiological Society
TIPS: Review of over 100 Cases
New Devices for Peripheral Vascular Disease
Pier House Resort and Caribbean Spa
Key West, Florida
May 13-15, 1994
39. Benenati, JF
Activity Director
Vascular Technology Update
Miami Cardiac & Vascular Institute
May 21, 1994

40. Benenati, JF
Cardiology Conference
New Modalities of Treatment for Aortic Aneurysms
Baptist Hospital of Miami
Miami, Florida
June 9, 1994
41. Benenati, JF
Third International Congress of Angioradiology
and Vascular Intervention
Overview of Intravascular Stents and Treatment of Iliac Artery Occlusions
Doral Ocean Beach Resort
Miami Beach, Florida
September 11-15, 1994
42. Benenati, JF
Venous Registry
Stanford University Medical Center
Interventional Approaches: Miami Cardiac & Vascular Institute
Pebble Beach, California
October 31, 1994
43. Benenati, JF
The 1994 Symposium on Current Issues & New Techniques
in interventional Radiology
Primary Stenting of Complex Aortoiliac Occlusive Disease
New York City, New York
November 17, 1994
44. Benenati, JF
New Technologies for Non-invasive Evaluation of PVD
Seventh Annual International Symposium on Vascular Diagnosis and Intervention
Miami Beach, Florida
January 21-25, 1995
45. Benenati, JF
Endoluminal Grafts: MCVI Experience
Seventh Annual International Symposium on Vascular Diagnosis and Intervention
Miami Beach, Florida
January 21-26, 1995
46. Benenati, JF
The Primary Focus Lecture Series
Screening, Evaluation, & Treatment of Peripheral Vascular Disease
Miami Cardiac & Vascular Institute
Miami, Florida
March 15, 1995

47. Benenati, JF
Thrombolysis Forum
Annual AVIR Meeting
Fort Lauderdale, Florida
March 26, 1995
48. Benenati, JF
Angioplasty Below the Knee
Interventional Radiology in the '90s
Key West, Florida
April 26-29, 1995
49. Benenati, JF
Intravascular Ultrasound: Is it as good as we thought?
Chesapeake Interventional Radiology Society
Bethesda, Maryland
May 17, 1995
49. Benenati, JF
Miami Cardiac & Vascular Institute Third Annual Inter-American Symposium:
Contemporary Approaches to Intervention in Cardiac and Vascular Diseases and Treatment of
Iliac Occlusions, Techniques and Application of Peripheral Thrombolysis and The Role of
Intervention in Limb Salvage.
Key Biscayne, Florida
June 18-21, 1995
50. Benenati, JF
Second Symposium Central American in Interventional Cardiology
Intravascular Ultrasound, Stent Applications in Cardiac Illness
Hotel Camino Real --Sponsored by Hospital Diagnostico
San Salvador, El Salvador
August 10-12, 1995
51. Benenati, JF
Update on Non-invasive Vascular Testing
Thoracic Outlet Syndrome
South Miami Hospital
Miami, Florida
October 7, 1995
52. Benenati, JF
SouthEastern Angiographic Society
Vascular Interventions, Renal Revascularization and Stents, Infrainguinal Stents &
Small Vessel Intervention and Angioplasty
The Cloister Hotel
SeaIsland, Georgia
October 12-14, 1995

53. Benenati, JF
Venous Registry Meeting
Workshop: Thrombolytic Synergy Catheter directed DVT and Pedal Infusion
Techniques
Eden Roc Resort & Spa
Miami Beach, Florida
January 27-28, 1996
54. Benenati, JF
Eighth Annual International Symposium on Vascular Diagnosis and Intervention
Moderator: Vascular Imaging
Intravascular Ultrasound
Fontainebleau Hilton Resort
Miami Beach, Florida
January 28-February 1, 1996
55. Benenati, JF
Association of Vascular and Interventional Radiographers
Invited Lecturer: Peripheral Thrombolysis
Washington State Convention Center
Seattle, Washington
March 3, 1996
56. Benenati, JF
Interventional Radiology in the 90's
Course Director, Peripheral Vascular Intervention
Complex Aortoiliac Lesions: Percutaneous Strategy, Catheter Directed Thrombolytic
Therapy: Techniques & Results
Cancun, Mexico
April 10-14, 1996
57. Benenati, JF
First Dominican Congress on CardioVascular Intervention
Invited Lecturer: Restenosis, Treatment, Management of Peripheral & Coronary
Diseases, New Techniques for Repair of Endovascular Aortic Aneurysms and
Endovascular Reconstruction with Stents for Carotid Arterial Disease
Santo Domingo, Dominican Republic
May 3, 1996
58. Benenati, JF
Fourth Annual Inter-American Symposium on CardioVascular Disease
Moderator-Symposium on Restenosis
Sonesta Beach Resort
Key Biscayne, FL
June 5-8, 1996
59. Benenati, JF
CardioVascular Conference
Invited Lecturer: Clinical Assessment of Peripheral Vascular Disease
Baptist Hospital of Miami
Miami, FL
June 13, 1996

60. Benenati, JF
Angio Club Meeting
Invited Lecturer: Peripheral Vascular Interventions
Tampa General Hospital
Tampa Bay, FL
September 18, 1996
61. Benenati, JF
Frontiers in Vascular Disease 96
Invited Lecturer: "IVUS, When is its Value Added & When is it Not?"
Endovascular Management of Peripheral Vascular Aneurysms Arteriovenous Fistulas with Stent-Grafts."
The Intergrated Vascular Center: The Miami Cardiac & Vascular Experience.
Pebble Beach, CA
October 13-16, 1996
62. Benenati, JF
Second Mid-Atlantic Conference on Hemodialysis Access: Establishment and Maintenance of Dialysis and Venous Access
Invited Lecturer: Thrombolytic Therapy for the Treatment of Catheter Related Venous Thrombosis
Williamsburg, VA
October 25-26, 1996
63. Benenati, JF
Second Mid-Atlantic Conference on Angio Access: Establishment and Maintenance of Dialysis and Venous Access
Invited Lecturer: Thrombolytic Therapy for the Treatment of Catheter Related Venous Thrombosis
Williamsburg, VA
October 25-26, 1996
64. Benenati, JF
I Congreso de Cardiologia Intercontinental
XIX Congreso Centroamericano de Cardiologia
VI Congreso Nacional de Cardiologia
Invited Professor & Faculty Member
New Techniques for the Endovascular Repair of Aortic Aneurysms: Stent Grafts. The Miami Cardiac & Vascular Institute Experience.
Panama City, Central America
November 14-16, 1996
65. Benenati, JF
Ninth Annual International Symposium on the Diagnosis and Intervention in Peripheral Vascular Disease
Fontainebleau Hilton Resort
Miami Beach, Florida
January 26-29, 1997

66. Benenati, JF
Noninvasive Symposium on Vascular Diagnosis in conjunction with the Ninth Annual International Symposium on the Diagnosis and Intervention in Peripheral Vascular Disease
Miami Cardiac & Vascular Institute
Miami Beach, Florida,
January 26, 1997.
67. Benenati, JF
Venous and Hemodialysis Access Symposium
Catheter-Directed Thrombolysis of Central Venous
Keystone, Colorado
February 19 - 23, 1997
68. Benenati, JF
First Aegean Symposium in Interventional Medicine
Faculty Member
Clinical Assessment of Patients with Peripheral Vascular Disease: Treatment of
Complex Patients with Peripheral Vascular Disease: "SFA Tibial Angioplasty".
Percutaneous Treatment of SFA Bypass.
Athens, Greece
September 6 - 14, 1997
69. Benenati, JF
Interventional Radiology and Vascular Imaging 1997
Invited Lecturer: Multispecialty Affiliation: The MCVI Model.
Philadelphia
October 5 - 8, 1997
70. Benenati, JF
Interventional Radiology and Vascular Imaging 1997
Invited Lecturer: "Stents for Carotid Disease".
Philadelphia
October 5 - 8, 1997
71. Benenati, JF
Interventional Radiology and Vascular Imaging 1997
Invited Lecturer: "Stent-Grafts for Aneurysmal Disease".
Philadelphia
October 5 - 8, 1997
72. Benenati, JF
Interventional Radiology and Vascular Imaging 1997
Invited Lecturer: "Stents and Stent-Grafts for Infrainguinal Disease"
Philadelphia
October 5 - 8, 1997
73. Benenati, JF
Southeastern Angiographic Society, Annual Meeting
Invited Lecturer: Covered Stents for Pseudoaneurysms and Arteriovenous Fistulas:
Strategies and Device Considerations.
Williamsburg Virginia
October 8 - 12, 1997

74. Benenati, JF
Southeastern Angiographic Society, Annual Meeting
Invited Lecturer: Catheter Directed Thrombolysis of Deep Venous Thrombosis:
Patient Selection and Technical Considerations.
Williamsburg Virginia
October 8 - 12, 1997

75. Benenati, JF
Florida West Coast Radiology Society, University of Florida
Invited Lecturer: Venous Thrombolysis Techniques and Results
Tampa, Florida
November 13 - 14, 1997

76. Benenati, JF
Tenth Annual International Symposium on Vascular Diagnosis and Intervention
Director - Invited Lecturer: "Infrainguinal Intervention" ::
Fontainebleau Hilton Resort & Towers
Miami Beach, Florida
January 11 - 15, 1998

77. Benenati, JF
Twenty third Annual Meeting, Society of Cardiovascular & Interventional Radiology
Results of Clinical Trials for Endovascular Grafting of Abdominal Aortic Aneurysms,
Carotid Stenting and Stroke Management, Risk Assessment & Physical
Examination in Vascular Disease, Stent-Grafts for Aortic Aneurysms.
San Francisco, CA
February 28 - March 5, 1998

78. Benenati, JF.
Department of Medicine Grand Rounds
Northwestern Memorial Hospital
Chicago, Il.
May 27 - 28, 1998

79. Benenati, JF
Fifth International Workshop on Interventional Radiology
Interventions in obstructions of abdominal aorta and it's branches, Basics of
Angioplasty, Stents and Stentgrafts in Occlusive Vascular Disease
Prague, Czech Republic
June 25 - 27, 1998

80. Benenati, JF
8th Annual Symposium of Peripheral Vascular Disease
Physiologic Testing for Lower Extremity Arterial Insufficiency, Duplex Ultrasound
Evaluation of Lower Extremity Arteries.
Rhode Island
August 14 - 16, 1998

81. Benenati, JF
Catheter-Directed Thrombolysis for Acute Lower Extremity DVT,
Upper Extremity Venous Thrombosis-Diagnosis and Treatment,
University of Virginia School of Medicine
Charlottesville, VA
September 18 - 19, 1998

82. Benenati, JF
Interventional Radiology & Vascular Imaging
Abdominal Aortic Stent Grafts: The Miami Experience,
Stent and Stent-Grafts for Iliofemoral Arterial Occlusive Diseases,
Hepaticogastrostomy: Paving a New Road for Biliary Decompressions,——
The Noninvasive Lab: Working Up Vascular Disease
Puerto Rico
November 4 - 7, 1998

83. Benenati, JF
Current Issues and New Techniques in Interventional Radiology
Risk Assessment and Physical Exam in Vascular Disease,
Workshop - CO2 Angiography
New York, New York
November 18 - 20, 1998

84. Benenati, JF
Radiological Society of North America, 84th Scientific Assembly & Mtg.
Refresher Course
Managing Complications of Central Venous Access ("How-to" Workshop)
Chicago, Illinois
November 29 - December 4, 1998

85. Benenati, JF
Radiological Society of North America, 84th Scientific Assembly & Mtg.
Refresher Course
Vascular Stent-Current Concepts and Controversies
Chicago, Illinois
November 29 - December 4, 1998

86. Benenati, JF
Eleventh Annual International Symposium on Endovascular Therapy
Miami Cardiac & Vascular Institute
Loews Miami Beach Hotel
Miami Beach, Florida
January 23 - 27, 1999

87. Benenati, JF
Noninvasive Symposium on Vascular Diagnosis in conjunction with the Eleventh Annual
International Symposium on Endovascular Therapy
Miami Cardiac & Vascular Institute
Miami Beach, Florida,
January 23, 1999.

88. Benenati, JF
Second Annual Interventional Radiology Practicum
Venous Access Devices
Dialysis Access Management
Embolotherapy in OB/GYN Patients
Endovascular Management of GI Bleeding/Ischemia
Breckenridge, Colorado
February 16 - 19, 1999
89. Benenati, JF
Third Annual Venous and Hemodialysis Access Symposium
Management of Catheter-Related Central Venous Thrombosis
New Approaches to Outpatient Dialysis Intervention
Keystone, Colorado
February 16 - 20, 1999
90. Benenati, JF
Cleveland Clinic Foundation
Percutaneous Management of Complex Aorto Iliac Disease
Arterial and Venous Entrapment Syndrome
Cleveland, Ohio
May 1 -3, 1999
91. Benenati, JF
Cleveland Clinic Foundation
Percutaneous Management of Complex Aorto Iliac Disease
Arterial and Venous Entrapment Syndrome
Cleveland, Ohio
May 1 -3, 1999
92. Benenati, JF
Florida West Coast Radiological
Percutaneous Management of Complex Aorto Iliac Disease
Arterial and Venous Entrapment Syndrome
Tampa, Florida
May 20 -21, 1999
93. Benenati, JF
Extreme IR Interventional Course For the Interventional Adventurer
Tibial Revascularization - Outrageous use of existing and new devices
Percutaneous Hepaticogastrostomy
New Agents for Thrombolysis and Maintenance of Vessel Patency
Jackson Hole, Wyoming
September 3 - 5, 1999
94. Benenati, JF
Cardiovascular Conference, Baptist Hospital of Miami
Clinical Assessment of Peripheral Cardiovascular Disease
Miami, Florida
September 23, 1999

95. Benenati, JF
 Stanford Vascular Symposium
 Alternative Pharmacologic Therapies in the Treatment of Peripheral Occlusive Disease:
 Clinical Experience with Reteplase and Abciximab
 Talent Endograft for AAA Repair
 Carotid Stenting: An Interventional Radiologist's Perspective
 Pebble Beach, California
 October 28-31, 1999

96. Benenati, JF
 Twelve Annual International Symposium on Endovascular Therapy
 Miami Cardiac & Vascular Institute
 Loews Miami Beach Hotel
 Miami Beach, Florida
 January 23 - 27, 2000

97. Benenati, JF
 Noninvasive Symposium on Vascular Diagnosis in Conjunction with the Twelve Annual
 International Symposium on Endovascular Therapy
 Miami Cardiac & Vascular Institute
 Loews Miami Beach Hotel
 Miami Beach, Florida,
 January 23, 2000

98. Benenati, JF
 3rd Annual Endovascular Intervention Practicum
 Venous Access Devices
 Dialysis Access Management
 Embolotherapy in OB/GYN Patients
 Endovascular Management of GI Bleeding/Ischemia
 Breckenridge, Colorado
 February 9 - 12, 2000

99. Benenati, JF
 Indications for Treatment of Carotid Arterial Disease - Medical Therapy vs. Endarterectomy
 Baptist Health System of South Florida
 Miami, FL 33176
 May 18, 2000

99. Benenati, JF
 "Ethics of Patient Management with the Uninsured, Under Insured and in the Managed Care
 Environment
 Introduction to the American Healthcare System (Medical Ethics Course)
 University of Notre Dame
 Notre Dame, Indiana
 September 8, 2000

100. Benenati, JF
 8th Annual Interventional Radiology & Vascular Imaging 2000
 "Aortic Stent-Grafts: Pre-Operative Evaluation & Device Selection"
 "Aortic Stent-Grafts: What's Coming: Status of On-Going Clinical Trials"
 "Renovascular Intervention: Renal Stents: Who Needs One & How I Do It"
 "Peripheral Vascular Intervention: Beyond PTA: Femoral Stents, Stent-Graft, Brachytherapy, and More"
 "Peripheral Vascular Intervention: Catheter-Directed Lysis of Venous Thrombosis with Alteplase and Retavase"
 University of Pennsylvania
 October 4-7, 2000

101. Benenati, JF
 SEAS Meeting
 "Thrombectomy Devices – Indications, Uses and Results"
 "Intravenous and Oral Antiplatelet Agents: Their Role and Uses in Peripheral Interventions"
 "Arterial Closure Devices: Review and Practical Considerations"
 White Sulphur Springs, West Virginia
 October 18-21, 2000

102. Benenati, JF
 International Women's Forum
 "Uterine Fibroid Embolization"
 University of Miami
 Miami, Florida
 October 27, 2000

103. Benenati, JF
 Fifth International Symposium on Vascular and Interventional Radiology
 "Stent-Grafts in Iliofemoral Occlusive Disease"
 "Management of Endoleaks"
 Harvard Medical School
 Boston, Massachusetts
 November 6-9, 2000

104. Benenati, JF
 Symposium on Noninvasive Vascular Diagnosis & Controversies in Interventional Radiology
 International Symposium on Endovascular Therapy
 Miami Cardiac & Vascular Institute
 Fontainebleau Hotel
 Miami Beach, Florida,
 January 21-25, 2001

105. Benenati, JF
 4th Annual Endovascular Intervention Practicum
 Venous Access Devices
 Dialysis Access Management
 Clinical Options in Peripheral Arterial Thrombolysis
 Embolotherapy in Ob/Gyn Patients
 Snowmass, Colorado
 February 6-9, 2001

Scientific Exhibits:

1. Benenati JF, Becker GJ, Mail JT, Holden RW: Digital Subtraction Venography in the Evaluation of Superior Vena Cava and Subclavian Vein Obstruction. Eighty-Sixth Annual Meeting of the American Roentgen Ray Society, Washington, D.C., April 15, 1986.
2. Benenati JF, Becker GJ, Mail JT, Jackson VP, Kopecky KK, Wass JL, Hicks ME: Diagnosis and Management of Peripheral Arterial Bypass Graft Complications. Seventy-Second Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, Illinois, November 30, 1986.
3. Benenati JF, Merine D, Venbrux AC, Lynch-Nyhan A, Mitchell SE, Wildus DM: Angiography of Arteriovenous Fistulae in the Portal Circulation. Seventy-Fifth Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, Illinois, November 27, 1989.
4. Savader SJ, Benenati JF, Venbrux AC, Mitchell SE, Wildus D, Osterman Jr FA: Cholelithiasis: Imaging and Percutaneous Management. ARRS, Washington, D.C. 1990. Awarded Certificate of Merit.
5. Bancroft J, Zemel G, Becker GJ, Benenati JF, Katzen BT, Sallee DS: Transjugular Intrahepatic Portosystemic Shunts. Seventy-Seventh Scientific Assembly and Annual Meeting of the Radiological Society of North America, Chicago, Illinois, December 1-6, 1991. Winner of the Summa Cum Laude Scientific Exhibit Award - the first awarded since 1984.
6. Bancroft J, Zemel G, Becker GJ, Benenati JF, Katzen BT, Sallee DS: Transjugular Intrahepatic Portosystemic Shunts. Ninety-Second Annual Meeting of the American Roentgen Ray Society, Orlando, Florida, May 11-15, 1992. Winner of the Bronze Medal Exhibit Award.
7. Keedy JL, Brown JA, Becker GJ, Benenati JF, Zemel G, Katzen BT. Two-Year Follow-up after Urokinase for Lower Extremity Arterial and Graft Occlusions. Sixty-Sixth Scientific Sessions of the American Heart Association, Atlanta, Georgia, 11/8-11/93.

Postgraduate, CME Courses, and Visiting Faculty Positions:

Faculty University of Miami School of Medicine
 Training Program in Vascular Technology
 Arteriography
 August 13, 1990.
 January, 14, 1991.
 April, 15, 1991.
 July 20, 1991.
 October 19, 1991.

Faculty Annual International Symposium on Peripheral Vascular Intervention
 Co-Program Director
 Miami Cardiac & Vascular Institute
 Miami Beach, Florida
 January 21-24, 1991.
 February 3-6, 1992.
 January 25-28, 1993.

January 10-13, 1994.
 January 21-25, 1995.
 January 28-February 1, 1996
 January 27 - 30, 1997
 January 11 - 15, 1998
 January 23 - 27, 1999
 January 23 - 27, 2000
 January 21-25, 2001

Faculty Interventional Radiology in the 90's
 Miami Cardiac & Vascular Institute
 Key West, Florida

April 17-20, 1991.

April 29-May 2, 1992.

April 28-May 2, 1993.

April 26-29, 1995 - Program Director.

April 10-14, 1996 - Program Director (Cancun, Mexico)

Faculty Society of CardioVascular & Interventional Radiology Annual Meeting

Workshop:

- Vascular Ultrasound: IVUS
- Vascular Ultrasound: Venous & Peripheral Arterial Imaging
- San Francisco, California

February 20, 1991.

Faculty Society of CardioVascular & Interventional Radiology Annual Meeting

Plenary Session: Techniques for Optimizing Interventions: IVUS,
 Angioscopy and Other Methods

Workshop: Vascular Ultrasound: Upper & Lower Ext. Arterial

Controversy Session: Noninvasive Arterial Exam

Washington, DC

April 9, 1992.

Faculty Society of CardioVascular & Interventional Radiology Annual Meeting

Workshops:

- TIPS: Long-Term Follow-up
- Intravascular Ultrasound
- Vascular Stents

New Orleans, Louisiana

February 28-March 4, 1993.

Faculty American Heart Association
 Scientific Sessions Moderator

Atlanta, Georgia

November 8-15, 1993

Dallas, Texas

November 12-19, 1994

Faculty Society of CardioVascular & Interventional Radiology Annual Meeting**Workshops:**

- Vascular Recanalization - Workshop Coordinator
- Noninvasive Vascular Workshop

Plenary Session:

- Results & Follow-up of Angioplasty

San Diego, California

March 19-23, 1994

Faculty Vascular Technology Update

South Florida Non-Invasive Vascular Society

Miami Cardiac & Vascular Institute at Baptist Hospital

Miami, Florida

May 21, 1994

Faculty Society of CardioVascular & Interventional Radiology Annual Meeting**Workshops:**

- Vascular Intervention - Workshop Coordinator
- TIPS: Four-Year Study

Ft. Lauderdale, Florida

March 25-30, 1995

Faculty Update on Non-invasive Vascular Testing

- Peripheral Vascular Laboratory/Echocardiography - Activity Director

South Miami Hospital, Miami Florida

October 7, 1995

Faculty Society of CardioVascular & Interventional Radiology Annual Meeting**Workshops:**

- Vascular Intervention - Workshop Coordinator
- Venous Thrombolysis

Clinical Management Symposia: Coordinator

Seattle, Washington

March 2-7, 1996

Faculty First Annual Noninvasive Symposium of the Miami Cardiac & Vascular Institute:

Vascular Diagnosis

Program Director

Miami Beach, Florida

January 26, 1997

Faculty I Congreso de Cardiologia Intercontinental

XIX Congreso Centramericano de Cardiologia

VI Congreso Nacional de Cardiologia

- Invited Professor

Symposium of the Miami Cardiac & Vascular Institute:

Endovascular Surgery

Miami Beach, Florida

January 27 - 30, 1997

Faculty Society of CardioVascular & Interventional Radiology 22nd Annual Meeting

Noninvasive Workshop: Coordinator

- Transluminal Endografting of Nonaortic Aneurysms, Pseudoaneurysms, and Arteriovenous Fistulas

Moderator:

- Stent Grafts for Abdominal Aortic Aneurysm

Refresher Course

- Clinical Assessment of Patients with Peripheral Vascular Disease

Washington, DC

March 8 - 13, 1997

Faculty First Annual Interventional Radiology Practicum

Beaver Creek, Colorado

April 2-5, 1997

Faculty First Aegean Symposium in Interventional Medicine

An Odyssey in Medicine

- Clinical Assessment of Patients with Peripheral Vascular Disease

- SFA Tibial Angioplasty

- Case Presentation: Acute Schema

Greek Island Yacht Cruise

Athens, Greece

September 6 - 14, 1997

Faculty Second Noninvasive Symposium on Vascular Diagnosis

Tenth Annual International Symposium on Vascular Diagnosis and Intervention

Program Director - Moderator Arterial Evaluation

Fontainebleau Hilton Resort & Towers

Miami Beach, Florida

January 11, 1998

Faculty Twenty Third Annual Meeting of the Society of Cardiovascular & Interventional Radiology

Non-Invasive Laboratory (Hands On) Workshop: Coordinator

- Financial Analysis Seminar

- Carotid Stenting and Stroke Management

- Aortoiliac Interventions

Plenary Session

- Risk Assessment and Physical Examination in Vascular Disease

- Results of Clinical Trials for Endovascular Grafting of Abd. Aortic Aneurysms.

- Stent-Grafts for Aortic Aneurysms

San Francisco, CA

February 28 - March 5, 1998

Faculty Third Noninvasive Symposium on Vascular Diagnosis

Eleventh Annual International Symposium on Endovascular Therapy

Program Director

Loews Miami Beach Hotel

Miami Beach, Florida

January 23, 1999

Faculty Second Annual Interventional Radiology Practicum
 Breckenridge, Colorado
 February 16 - 19, 1999

Faculty Society of CardioVascular & Interventional Radiology Annual Meeting
 • Infrainguinal Intervention
 • Noninvasive Laboratory Diagnosis of Peripheral Vascular Disease
 • Noninvasive Laboratory Workshop
 Orlando, Florida
 March 20-25, 1999

Faculty Cleveland Clinic Foundation
 Visiting Professor
 Cleveland, Ohio
 May 1 - 3, 1999

Faculty University of South Florida College of Medicine
 Visiting Professor
 Tampa, Florida
 May 20 - 21, 1999

Faculty Extreme IR Interventional Course For the Interventional Adventurer
 Co-Program Director
 Jackson Hole, Wyoming
 September 3 - 5, 1999

Faculty Fourth Annual Endovascular Interventional Practicum
 Snowmass Village, Colorado
 February 6-9, 2001

Faculty Society of CardioVascular & Interventional Radiology Annual Meeting
 Infrainguinal Interventions: What Can We do and What Should We Do
 Lessons Learned: Stent Grafts
 Thrombolytics: Use of Thrombolytics in Interventional Procedures
 Abdominal Aortic Aneurysm Repair in 144 Patients: Correlation of Aneurysm
 Size and Procedure-Related Complications
 San Antonio, Texas
 March 3-8, 2001

Editorial Activities:

Manuscript Reviewer
 Journal of Vascular and Interventional Radiology
 November 1990~Present

Abstract Reviewer of New England Journal of Medicine
 For the Journal of Vascular and Interventional Radiology
 November 1990~1998

Abstract Reviewer of Journal of Vascular Surgery
 For the Journal of Vascular and Interventional Radiology
 March 1993~Present

Editorial Review Board
 Abstracts in Radiology
 AVMD Group
 September 1991~1993

Editor
 News from Miami Cardiac & Vascular Institute
 Quarterly Newsletter
 Baptist Hospital of Miami
 Miami, Florida
 January 1991~Present

Scientific Session Program Abstract Reviewer
 American Heart Association
 1992 ~Present

Scientific Session Program Abstract Reviewer
 Society of CardioVascular and Interventional Radiology
 1992, 1993, 1994, 1995

Editorial Board of SCVIR Case Club
 Website Case Discussion, Expert Opinions.
 August , 1997

Editorial Board of Techniques in Vascular and Interventional Radiology
 W.B. Saunders Company
 June, 1998 - Present

Manuscript Reviewer
 Radiology
 March 2000~Present

Consensus Panel for use of Reteplase and GPII/IIIa Inhibitors
 Orlando, FL
 May 22, 2000

Committee Service:

1. South Florida Interventional Radiology Club
 Local Chapter SCVIR
 1990 ~ Present
2. Education Division
 Educational Material Committee
 Society of CardioVascular & Interventional Radiology
 1991~ 1997
3. Education Division
 Training Committee
 Society of CardioVascular & Interventional Radiology
 1991 ~ 1997

4. RUC Survey Committee
Society of CardioVascular & Interventional Radiology
1995 ~ 1997
5. Program Committee
American Heart Association
1991 ~ 1997
6. Council on CardioVascular Disease
American Heart Association
1992 ~ Present
7. Transcatheter Therapy Committee
American Heart Association
1993 ~ 1996
8. Membership Committee
American Heart Association
1993 ~ 1997
9. Infectious Disease Committee
Baptist Hospital of Miami
1991 ~ 1992
10. Institutional Review Board
Baptist Hospital of Miami
1991 ~ Present
11. Laser Committee
Baptist Hospital of Miami
1991 ~ 1994
12. Risk Management Committee
Baptist Hospital of Miami
1993 ~ Present
13. Ethics Committee
Baptist Hospital of Miami
1993 ~ 1998
14. Peripheral Vascular Laboratory Readers Committee
Miami Cardiac & Vascular Institute
1990 ~ Present
15. Quality Assurance/Quality Improvement Committee
Interventional Services
Miami Cardiac & Vascular Institute
1992 ~ Present

16. Interventional Cardiology/Cardiac Surgery
QA Committee
Miami Cardiac & Vascular Institute
1992 ~ Present
17. Non-Invasive Quality Review Committee
Miami Cardiac & Vascular Institute
Chairman
1995 ~ Present
18. Executive Committee
Miami Cardiac & Vascular Institute
1992 - Present
19. IVR-VS Credentialing Committee
Miami Cardiac & Vascular Institute
1992 - Present
20. MCVI Membership Committee
Miami Cardiac & Vascular Institute
1992 - Present
21. Outcome Committee
Miami Cardiac & Vascular Institute
1992 - Present
22. Bylaws Committee
Baptist-South Miami Hospital
2000
23. Wound Care Center Credentials Committee
Baptist-South Miami Hospital
2000

Research Activities:

1. Benenati JF, Hicks ME, Becker GJ, Klatte EC: Thrombin Utilization to Control Gastrointestinal Bleeding in Canine Models
Indiana University Medical Center, 1987.
2. Benenati JF, Soulen M, Sheth S: Color flow Doppler of Renal Arteries: Screening and Post-PTA Follow-Up.
The Johns Hopkins Hospital, 1989
3. Benenati JF,: Brachytherapy for Restenosis, Paris Trial PI
4. Benenati JF, Co-Investigator: Aortic and Thoracic FDA Endograft Trials,
EVT - Guidant, Vanguard - Boston Scientific Corp., Talent - World Medical Corp., Excluder - W.L. Gore & Assoc. 1997

5. Benenati JF, Principle Site Investigator: Venous Thrombolysis Registry, 1998
6. Benenati JF, Principle Site Investigator: Pro-UK DVT Study, 1998
7. Antrin Study, Principal Site Investigator -

Offices Held:

Steering Committee
American Association of Academic Chief Residents in Radiology
1986~1987

Co-Author
National Survey of Chief Residents
1986

Quality Assurance Officer
Cardio Vascular and Interventional Radiology Division
Department of Radiology
The Johns Hopkins Hospital, Baltimore, Maryland
7/89~12/89

Vice-President
South Florida Society of Interventional Radiology, Inc.
1993~Present

Professional Society Memberships:

1991~1993	American Heart Association, Fellow
1990~Present	Society of CardioVascular and Interventional Radiology - Fellow
1984~Present	Radiologic Society of North America
1989~1992	Florida Medical Association
1989~1992	Dade County Medical Association
1991~Present	South Florida Noninvasive Vascular Society
1980~1990	American Medical Association
1986~1988	American Association of Academic Chief Residents in Radiology
1984~ 1988	American College of Radiology,
1984~ 1988	American Roentgen Ray Society
1984~1988	Indiana State Medical Associate
1984~1988	Marion County Medical Society
1984~1988	Indiana State Residents Society
1995~Present	Society of Vascular Technology
1996~Present	Southeastern Angiographic Society

Educational Activities:

Director of Monthly Morbidity & Mortality Conferences
Cardio Vascular Diagnostic Laboratory Division
Department of Radiology
The Johns Hopkins Hospital, Baltimore, Maryland
7/89~12/89

Director of Journal Club
 CardioVascular Diagnostic Laboratory Division
 Department of Radiology
 The Johns Hopkins Hospital, Baltimore, Maryland
 7/89~12/89

Director and Founder of Journal Club
 Miami Cardiac & Vascular Institute
 Baptist Hospital of Miami
 Miami, Florida
 1990~Present

Trainer and Proctor For the Palmaz Balloon Expandable Stent
 Johnson and Johnson Interventional Systems Co.
 August 23, 1991~1993

Coordinator of "Legs For Life Program" SCVIR
 Miami Cardiac & Vascular Institute
 October 1, 1998
 September 24, 1999
 September, 2000

Board Examiner, CAQ Exam for Vascular & Interventional Radiology
 The American Board of Radiology
 2000 ~present

Resident Teaching:

Introduction to Medicine. Enrollment approximately 185. Team Teaching on Radiologic Pathology. Additional assignment for this course: Orthopedic Radiology Lectures at Indiana University School of Medicine. 1984~1988.

Diagnostic Roentgenology and Nuclear Medicine. Enrollment 14-16 per month. Team teaching at Indiana University School of Medicine. 1984~1988.

Basic principles of angiography and interventional radiology monthly lectures to residents at The Johns Hopkins Hospital. 1988~1989.

Monthly Noon Conferences at University of Miami School of Medicine, Department of Radiology. 1990~Present.

University of Florida, Semi-Annual Residents Conference

Clinical Teaching:

Vascular/Interventional Radiology Fellowship Training Program, Miami Cardiac & Vascular Institute/Baptist Hospital of Miami.